This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-20 (Canceled)

21. (Currently Amended) A multifunctional tridimensional combined ecological architecture, having ~~at least one building~~ one or more buildings, said one building or said more buildings, comprising:

- an ecological structure for organisms,
- a natural ecological structure,
- a place for human culture activity,
- an organism production system,
- cooperating systems,

wherein said ~~at least one building has~~ said one building or said more buildings have a tridimensional ecological structure, and includes an aboveground part, an underground part, or both an aboveground part and an underground part, wherein a top roof, side(s), or both a top roof and side(s) of said ~~at least one building is~~ said one building or said more buildings are partly or completely transparent, openable and closable, or both transparent and openable and closable;

wherein said natural ecological structure and said ecological structure for organisms are provided anywhere in or on said ~~at least one building~~ said one building or said more buildings, and include plants, animals, a water resource and human cultural sights therein;

the tridimensional ecological structure of said one building or said more buildings comprises a plurality of layers of ecological environment, said tridimensional ecological structure is of a structure form of opened type, closed type, openable and closable type or combined type and has a fixed type of organism cultivation device or a movable type of organism cultivation device, said fixed type of organism cultivation device or said movable type of organism cultivation device being vertically developed or horizontally developed, said more buildings comprising at least one of ecological structures of Taiji graphics type, Eight Gua graphics type, hood type, frame hood

type, tree frame type, tridimensional land type, tridimensional awning type, combined frames type, turret frame type, combined passage type, hacienda type, ecological village type, ecological town type, tridimensional ecological river type, tridimensional ecological bridge type, tridimensional ecological road type, tridimensional ecological wall type and organism cultivation mechanical frame type;

said organism production system comprises cultivation devices, processing devices, storing and transferring devices and marketing devices;

said cooperating systems comprise at least a part of a water recycling system, an electrical system, a ventilation system, a temperature and humidity regulating system, a light transmitting system, a methane systems, an illumination system and a control system; said ~~at least one building~~ said one building or said more buildings and the systems are combined in a manner of part or complete combination.

22. (Currently Amended) The multifunctional tridimensional combined ecological architecture according to claim 21, wherein

said water recycling system comprises a precipitation gathering and purifying device, a sewage water recuperating and classification and purifying device, an external water resource input device, a device for filtering and purifying water from air, a sanitation device, a water reservoir device and a water supply device;

said electrical system comprises a power generation and storing device, a power transmission and power supply device, a voltage transformation and power distribution device;

said ventilation system comprises an air input/output device, an oxygen supply device, an air purifying and recycling device and a sanitation device;

said temperature and humidity regulating system comprises a temperature regulating device and a humidity regulating device;

said light transmitting system comprises a light refractive device and a light transmitting device;

said methane system comprises a methane tank and a methane storing and utilization device; said control system comprises automatic, manual, or automatic and manual control mechanisms for the devices, systems, or both the devices and the systems; and

wherein said place for human culture activity comprises a place for resting and a place for sports and cultural activities.

23. (Currently Amended) The multifunctional tridimensional combined ecological architecture according to claim 22, further comprising tridimensional ecological walls provided in part or in periphery of said ~~at least one building~~ said one building or said more buildings; wherein the walls are fixed or moveable or both and have plant and organism cultivation structures thereon.

24. (Previously Presented) The multifunctional tridimensional combined ecological architecture according to claim 23, wherein the device for filtering and purifying water from air comprises a blower, to introduce air into said devices for filtering and purifying water from air through the air inlet thereof, wherein moisture in the air is vaporized by heaters provided inside said devices for filtering and purifying water from air, and then the moisture is held by the water cooling and filtering and capturing devices, then the water is discharged out of the devices for filtering and purifying water via an outlet of a channel for discharging water, said devices for filtering and purifying water from air are in the form of passage type, upright-type, or caged-type, or suspended-type, or air-conditioning-type.

25. (Previously Presented) The multifunctional tridimensional combined ecological architecture according to claim 22, wherein said control system is configured to have an intelligent control mechanism that is able to implement complete control, part control, or individual control of devices; and wherein said architecture is also provided with anti theft alarming systems, image transmission mechanisms, and dialogue control system for security in buildings, and closed-circuit monitoring systems.

26. (Currently Amended) The multifunctional tridimensional combined ecological architecture according to claim 22, wherein said ~~at least one building comprises a plurality of~~ more buildings ~~which are~~ connected with one another via roads, bridges, or both roads and bridges; the roads or bridges optionally including tridimensional roads and tridimensional bridges provided in stories.

27. (Currently Amended) The multifunctional tridimensional combined ecological architecture according to claim 22, wherein said cultivation devices are movable or stationary ~~or both~~, wherein said cultivation devices have at least one of an organism cultivation structure, a cultivation frame for organism, an organism cultivation plate, or an organism cultivation box, which are suspended, laid, piled, tridimensional, or shelved, and wherein a temperature regulating mechanism, a water supply mechanism, or both a temperature regulating mechanism and a water supply mechanism are provided inside said cultivation box.

28. (Previously Presented) The multifunctional tridimensional combined ecological architecture according to claim 22, wherein the power generation and storing device comprises at least one of a solar power generation and storing device, a wind power generation and storing device, a water power generation and storing device, and a mechanical power generation and storing device.

29. (Previously Presented) The multifunctional tridimensional combined ecological architecture according to claim 28, wherein said solar power generation and storing devices comprise solar cell receiving plates, electric storage devices, transformer devices, current meters, power distributing devices, accessories of electric supplier networks; said solar power generation and storing devices are integrated ones, in which electric suppliers devices are integrated into a network in the buildings or on the grounds for use in the entire architecture, or separated ones, in which they are mounted in part areas or separate apartments of the buildings for separate use; said solar cell

receiving plates are of at least one of laid-type, upright-type, fixed-type, folded-type, or rotatable type, form of balconies, form of door or windows, form of curtains or form of walls.

30. (Currently Amended) The multifunctional tridimensional combined ecological architecture according to claim 26, wherein part of ~~the plurality of~~ said more buildings themselves is movable.

31. (Currently Amended) The multifunctional tridimensional combined ecological architecture according to claim 22, wherein said light refractive devices are fixed, moveable, ~~or both~~ with lights, and are controllable by lights or manually.

32. (Currently Amended) The multifunctional tridimensional combined ecological architecture according to claim 21, wherein said ~~at least one building comprises a plurality of~~ more buildings which are combinable in at least one of various types of forms, comprising Taiji graphics type, Eight Gua graphics type, ~~or both,~~ hood type, frame hood type, tree frame type, tridimensional land type, tridimensional warm house type, combined frame, turret frame type, combined passage type, hacienda type, ecological village type, ecological town type, tridimensional ecological river type, tridimensional ecological bridge type, tridimensional ecological road type, tridimensional ecological wall type.

33. (Currently Amended) The multifunctional tridimensional combined ecological architecture according to claim 32, wherein said ~~plurality of~~ more buildings, which are combined in tridimensional land type of form, are provided in stories, and comprise aboveground, underground, or both aboveground and underground, organism cultivation spaces, a natural ecological environment space and a human cultural place, and wherein said ~~plurality of~~ more buildings are provided collectively or separately with a water storing system, a water supplying system, a methane utilizing device, a water purifying system, a power generation and supplying

device and a lifting device, each of which systems or devices is provided separately or in combination with other systems or devices.

34. (Currently Amended) The multifunctional tridimensional combined ecological architecture according to claim 32, wherein said buildings, which are combined in combined passage type of form, are provided aboveground, underground, or both aboveground and underground, are combined in single storey or stories, and are provided therein with passages, which passages are provided inside and outside completely or partly with at least one of organism cultivation, transportation and human cultural and natural ecological environment structures, a water draining device, a water storing device and a power supplying device, each of which devices is provided separately or in combination with other devices.

35. (Currently Amended) The multifunctional tridimensional combined ecological architecture according to claim 32, wherein said ~~plurality of~~ more buildings, which are combined in tridimensional ecological river type of form, comprise collectively or separately exposed river type, hidden river type, awning type, inside, outside, or both inside and outside organism cultivation devices, a water purifying device, a water storing device, a water recycling device, a tridimensional ecological device, each of which devices is provided separately or in combination with other devices.

36. (Currently Amended) The multifunctional tridimensional combined ecological architecture according to claim 32, wherein said ~~plurality of~~ more buildings, which are combined in tridimensional ecological bridge type of form, have a bridge body which is provided in single story or stories and which is provided with inside, outside, or both inside and outside, organism cultivation, natural ecological environment structures or both organism cultivation and natural ecological structures.

37. (Currently Amended) The multifunctional tridimensional combined ecological architecture according to claim 32, wherein said ~~plurality of~~ more buildings, which are combined in tridimensional ecological road type of form, have a road structure of single story or stories aboveground, underground, or both aboveground or underground, which road structure is provided thereon in stories or sections with inside, outside, or both inside and outside, organism cultivation environment, human cultural and natural ecological environment structures, or both organism cultivation environment and human cultural and natural ecological environmental structures and is provided with a water draining device, a water storing device and a power supplying device, each device provided separately or in combination with other devices.

38. (Previously Presented) The multifunctional tridimensional combined ecological architecture according to claim 27, wherein said cultivation frame for organism is a space rotating cultivation frame for organisms, which has various forms and are provided inside, outside, or both inside and outside the building or buildings, and are provided singly or in combination.

39. (Currently Amended) The multifunctional tridimensional combined ecological architecture according to claim 32, wherein said buildings, which are combined in tree frame type of form, have various forms, comprise building structures, an aerial warm house, inside, outside, or both inside and outside organism cultivation structures and a water storing and supplying device, and are provided separately or in combination.

40. (Previously Presented) The multifunctional tridimensional combined ecological architecture according to claim 29, wherein said solar cell receiving plates and said light transmitting devices are assembled in combination or separately into a fixed or rotatable equipment with multiple functions, which equipment with multiple functions is upright type or desktop type and wherein the equipment can be used in combination with the building or separately.

41. (Currently Amended) The multifunctional tridimensional combined ecological architecture according to claim 32, wherein said more buildings have stories and said ~~plurality of~~ more buildings are combined into a tridimensional ecological village, a tridimensional ecological town, or both a tridimensional ecological village and a tridimensional: ecological town.

42. (Previously Presented) The multifunctional tridimensional combined ecological architecture according to claim 21, wherein said ecological structure for organisms and said natural ecological structure comprise at least one of an ecological structure of tridimensional land type, an ecological structure of ecological river type, an ecological structure of ecological wall type, ecological structures of Taiji graphics type, Eight Gua graphics type, an ecological structure of passage type, an ecological structure of tree frame type, an ecological tridimensional warm house structure, an ecological structure of ecological bridge type and an ecological structure of ecological road type.

43. (Previously Presented) The multifunctional tridimensional combined ecological architecture according to claim 21, wherein said place for human culture activity comprises at least one of a residential house, and places for offices, commerce, sports, culture, factories, schools, researches, storages, sanatorium, stations, and recreational places.

44. (Currently Amended) The multifunctional tridimensional combined ecological architecture according to claim 32, wherein said organism production system comprises an underground ecological structure having a roof, a part or the entirety of which is transparent, openable and closable, or both transparent and openable and closable; the underground ecological structure comprising a storey or stories of ecological structures and being provided therein with solar energy device, light transmission device, or both solar energy device and light transmission device.

45. (Currently Amended) The multifunctional tridimensional combined ecological architecture according to claim 44, wherein said underground ecological structure comprises a structure for

cultivation of plants, a structure for cultivation of animals, or both a structure for cultivation of plants and a structure for cultivation of animals.

46. (Previously Presented) The multifunctional tridimensional combined ecological architecture according to claim 32, further comprising a tridimensional land ecological device comprising a story or stories of tridimensional land and a layer of soil on original ground; wherein plants, animals, or both are cultivated on the story or stories of tridimensional lands; said tridimensional land ecological device is provided further therein with an agriculture machine.

47. (Canceled)

48. (New) The multifunctional tridimensional combined ecological architecture according to claim 21, wherein the tridimensional ecological structure of the openable and closable type or combined type is provided with an opening and closing structure comprising an ecological space for organisms and an opening and closing device.